Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 25 Dec 2020 until 23:59 on Saturday 26 Dec 2020

Forecast Issued on Friday 25 Dec 2020 at 04:59

Confidence: High confidence for a bright start to Christmas Day but a deep low affecting the country on Boxing Day bringing strong winds and rain. Also high confidence for a change to very cold conditions and wintry showers. Lower confidence for location of wintry showers.

Headline for Friday 25 Dec 2020: Largely dry and bright for Christmas Day, but cold. Later clouding over, with light rain arriving this evening. Strengthening winds.

Mountain weather hazards on Friday 25 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Light rain
Precipitation probability					
<05%	<05%	00%	<05%	<05%	20%

Forecast for Friday 25 Dec 2020

Weather: Largely dry and bright for Christmas Day, but cold. Becoming cloudy and breezy this afternoon, with light rain arriving this evening. Gales may develop over the highest peaks and exposed ridges by midnight.

Chance of cloud free mountain/hill tops above 600m: 100% for much of today but becoming 40% this evening with lower cloud shrouding the tops at times, particularly in the west, at around 400-500m.

Visibility: Very good to excellent, with distant hills clearly visible until this evening, then decreasing moderate or poor.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 25 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/19 NW	9/13 W	10/16 W	12/19 SW	21/30 W	22/31 W	23/32 SW
300	7/19 NW	2/13 NW	1/10 W	6/19 W	11/26 W	13/28 W	12/28 W
Valley	1/9 N	0/5 N	0/4 W	1/8 NW	4/19 W	9/23 SW	11/26 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-6	-1/-6	-1/-6	0/-5	2/-5	2/-4	4/-2
300	-2/-6	-4/-5	0/-2	2/-1	4/-1	4/0	5/2
Valley	-3/-5	-3/-5	1/-0	2/1	4/2	6/3	6/3
Freezing Level*	00m	00m	100m	600m	900m	1100m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

North-westerly winds backing south-westerly and strengthening as milder air pushes in across the area.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 25 Dec 2020	0.2mm	3.2mm	3.4mm

Forecast for Saturday 26 Dec 2020

Weather: Cloudy across western areas throughout, with hill fog and patchy light rain overnight and through the morning, with the rain becoming heavy and persistent through the afternoon and evening. Further east light rain at first, then drier and brighter through the day, but also heavy rain developing through the evening. Becoming very windy with severe gales, or locally storm force winds, developing across exposed peaks and ridges.

Maximum wind: South-westerly 45mph gusts 60mph, and 75mph on highest tops and exposed ridges in the evening.

Chance of cloud free mountain/hill tops above 600m: 20% with most of the tops shrouded by extensive low cloud, lowest base around 400m in the west. In the east cloud bases will be around 600m through the morning and afternoon, with a few more breaks.

Visibility: Mainly poor or very poor, with intermediate hills barely visible. However, across eastern areas intermediate hills visible, perhaps becoming good visibility, at times during the morning and afternoon.

Temperature: **Valleys:** Plus 6 Celsius.
At 600m: Plus 3 Celsius
Freezing level: Around 1000m

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